

Awadh Kishor Singh

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EDUCATION

- **Indian Institute of Technology Madras** Chennai, Tamil Nadu, India
Bachelor of Technology - Information Technology; CGPA: 8.27 *April 2024 - June 2028*
Courses: Operating Systems, Data Structures, Full Stack Development, Artificial Intelligence, Machine Learning, Networking, Databases, Natural Language Processing
- **Central Hindu Boys' School [B.H.U]** Varanasi, Uttar Pradesh, India
Intermediate *April 2021 - June 2023*
- **P.G Senior Secondary School** Captainganj, Uttar Pradesh, India
Basic Education to High School *April 2011 - March 2021*

SKILLS SUMMARY

- **Languages:** Python, C++, JavaScript, SQL, Java, HTML, CSS
- **Frameworks:** Next.js, React, Express.js, Django, Flask
- **Databases:** MongoDB, MySQL
- **Core Concepts:** Data Structures & Algorithms, OOP, REST APIs, System Design Basics
- **Tools:** Git, GitHub, VS Code, Vercel, Render, Postman

EXPERIENCE

- **Full Stack Developer – SRS Classes** Remote
Freelance (Part-time) *Nov 2024 – Dec 2024*
 - **Website Development:** Built a responsive educational website using Next.js with optimized UI and cross-device compatibility.
 - **Deployment & Maintenance:** Managed deployment, updates, and long-term maintenance for a production environment.

PROJECTS

- **Hospital Management System [\[Live\]](#) [\[GitHub\]](#)** Ongoing
Full Stack Web Application
 - **Backend Development:** Designed REST APIs for patient records, appointments, doctor scheduling, and role-based access control.
 - **Frontend Development:** Built responsive dashboards using React and Next.js for hospital staff and administrators.
 - **Security & Data Handling:** Implemented secure authentication and structured database schemas for scalability and data integrity.
 - **Deployment:** Configured production-ready deployment with environment variables and API validation.
- **Cryptofolio [\[Live\]](#) [\[GitHub\]](#)** Completed
Crypto Portfolio & Analytics Platform
 - **Full Stack Development:** Built a crypto portfolio tracking platform with real-time asset monitoring and profit/loss analytics.
 - **UI/UX Design:** Designed a clean and responsive interface with reusable components and optimized layouts.
 - **API Integration:** Integrated third-party APIs for live cryptocurrency price data and portfolio calculations.
 - **Deployment:** Deployed the application on Vercel with production-ready configuration.
- **Personal Portfolio Website [\[Live\]](#) [\[GitHub\]](#)** Completed
Frontend Web Application
 - **Frontend Development:** Developed a modern and responsive frontend using React, Next.js, HTML, CSS, and JavaScript.
 - **UI/UX Design:** Designed a visually appealing interface with full mobile responsiveness.
 - **Performance Optimization:** Created reusable components and optimized layouts for faster load times and SEO.
 - **Deployment:** Deployed the portfolio on Vercel for fast and reliable hosting.

ACHIEVEMENTS & CERTIFICATIONS

- **Problem Solving & Competitive Programming:** Solved **1000+** Data Structures, Algorithms, and Competitive Programming problems across arrays, trees, graphs, dynamic programming, and advanced topics.
- **Full Stack Web Development Certification:** Completed a comprehensive full stack development program covering frontend, backend, REST APIs, authentication, databases, and deployment. [\[Certificate\]](#)